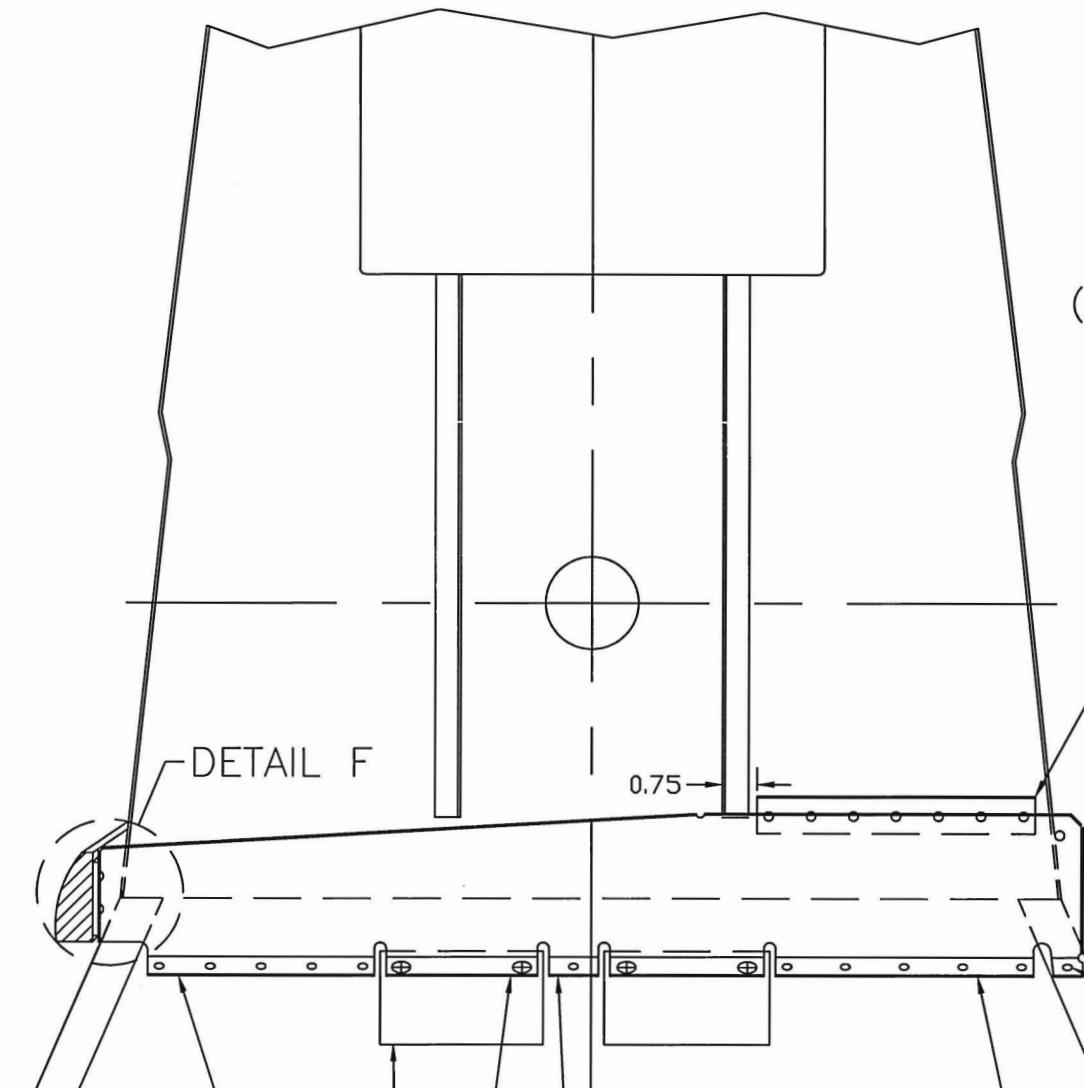
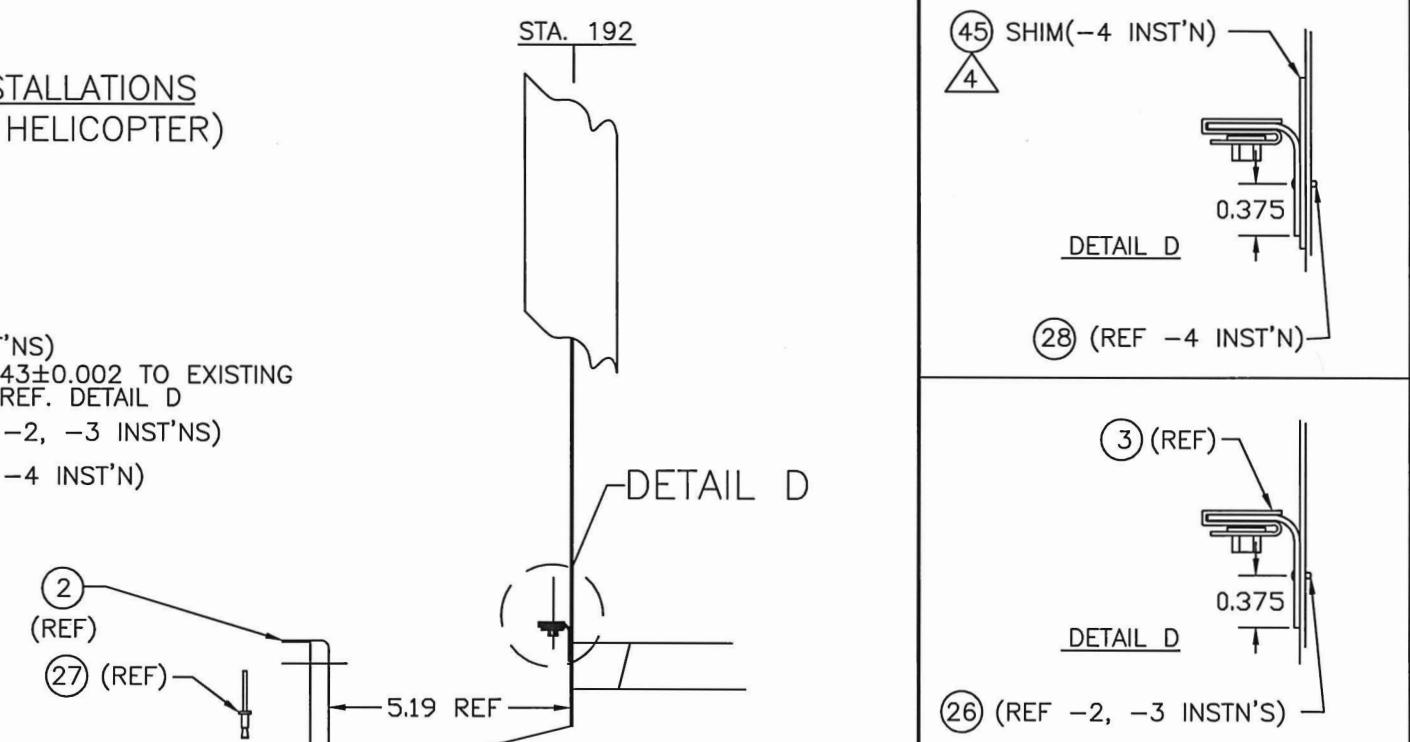


- SEAL ALL SURFACES AND HARDWARE ADJOINING OR PENETRATING FIREWALL AND DRAIN PAN USING BHT APPROVED SEALANT, AMS3374 TYPE 1 SEALANT (ALT. MIL-S-8802F CLASS B2 OR EQUIVALENT.)
- PANEL IS POSITIONED FROM MOUNT BRACKET ASSEMBLY
- USE -2 INSTALLATION FOR 407 AIRCRAFT WITH SERIAL NUMBER 53442 AND BELOW WITH FLYWHEEL.
- USE -3 INSTALLATION FOR 407 AIRCRAFT WITH SERIAL NUMBER 53443 AND SUBSQ.
- USE -4 INSTALLATION FOR 407 AIRCRAFT WITH SERIAL NUMBER 53001 - 54399 AFTER COMPLIANCE WITH TB 407-03-53
- USE -5 INSTALLATION FOR 407 AIRCRAFT WITH SERIAL NUMBER 54300 AND SUBSQ.
- CUT TO LENGTH AND INSTALL SHIM MATERIAL TO ACHIEVE A FLAT RIVETING SURFACE.
- ROUT GROUND WIRE THROUGH GROMMET. INSTALL PER 407AC-610 DWG.
- INSTALL WIRE CLAMPS PER 407AC-610 DWG BEFORE COMPRESSOR INSTALL.



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SHEET	REV	ECO	DATE	DESCRIPTION	BY	CHK	APR
1	A		11/24/97	AN6H-6A WAS -11A, NAS6604D56 WAS NAS6204D56	REB	LS	REB
1-9	B		07/12/99	ADDED -2 INSTALL. & SHEETS 6,7,8,9,&10	PR	LS	PR
1-5	C		12/22/00	DELETED -1 ASSY, ROTATED COMPRESSOR VIEW, SHORTENED COMPRESSOR STOP. ADDED -3 ASSY & PAGES 6 & 7	MR	LS	MR
1,6	D		12/11/02	SH.6, UPDATED OVERHEAD VIEW AND INCLUDED BELL PART NUMBERS FOR CLARITY.	GP	LS	GP
1-6	E		10/12/05	ADDED -4 INST'N., WAS 7 SHEETS	REB	LS	REB
1,6	F		05/08/08	DFN'D C4-C4', D4-D4'. -4 INST'N (10) WAS 369IR-1002-1. REVERSED DIR OF (46) & REMOVED QTY 2 OF (39) FROM (46). ADDED (REF) TO DIM 10.25, SH6.	REB	LS	REB
1		1	02/20/15	ADDED NOTE 4 AND -4 TO DETAIL D SHEET 1	JT	LS	JT
ALL	G		12/19/19	ITEM #14 WAS 407-3020-1 NOW 206AC-3020-1, #20 WAS AN316-4 NOW AN316-4R, #23 WAS AN6H-6A NOW AN6H-5A, CHANGED NOTE 1 SEALANT TO AMS3374 TYPE 1, OLD SEALANT ADDED AS ALT. ADDED NOTE 6, ITEMS 49-56, AND SHEET 7&8 WHICH INCLUDES -5 INSTALL, HONEYWELL ENGINE INST'NS, AND DETAIL F. ADDED NOTE 5 TO VIEW A2 THROUGH A5 AND DETAIL E. ITEM 26-28 WAS CR3553-4-# RIVETS NOW CR3553-4-0# RIVETS, OLD PARTS ADDED AS ALT. ITEM 30-32 WERE MS21042 SERIES NUTS NOW NAS9926 SERIES WITH BELL P/N 90-132 SERIES AS ALT.	DT	LS	ZA
BOM		1	03/02/21	ITEM #30-32 REVERTED BACK TO MS21042 SERIES NUTS.	DT	LS	ZA
4,5,6,8	H		03/14/22	ADDED EDGE DISTANCE NOTE TO ITEM #13 AND #50.	DT	ZA	DT



Paravion® Technology Inc.		TITLE		DRAWING NO.	
		COMPRESSOR INSTALLATION		407AC-310	
DIMENSIONS IN INCHES		TOLERANCES EXCEPT WHERE NOTED:			
DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
RHSM	REB	LS	04/15/97	H	
DO NOT SCALE DRAWING					
SHEET					
1 OF 8					

PROTO

N/C

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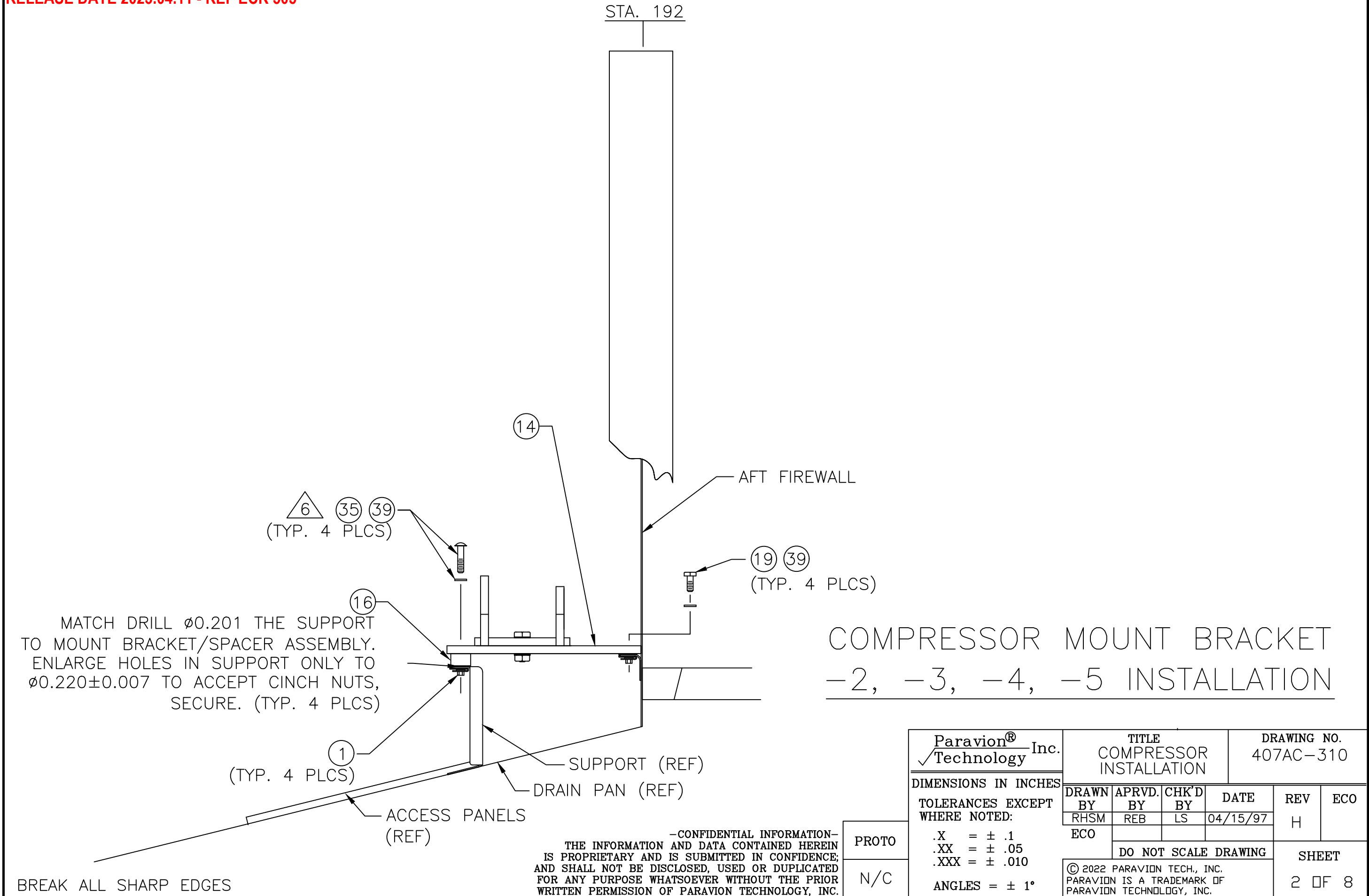
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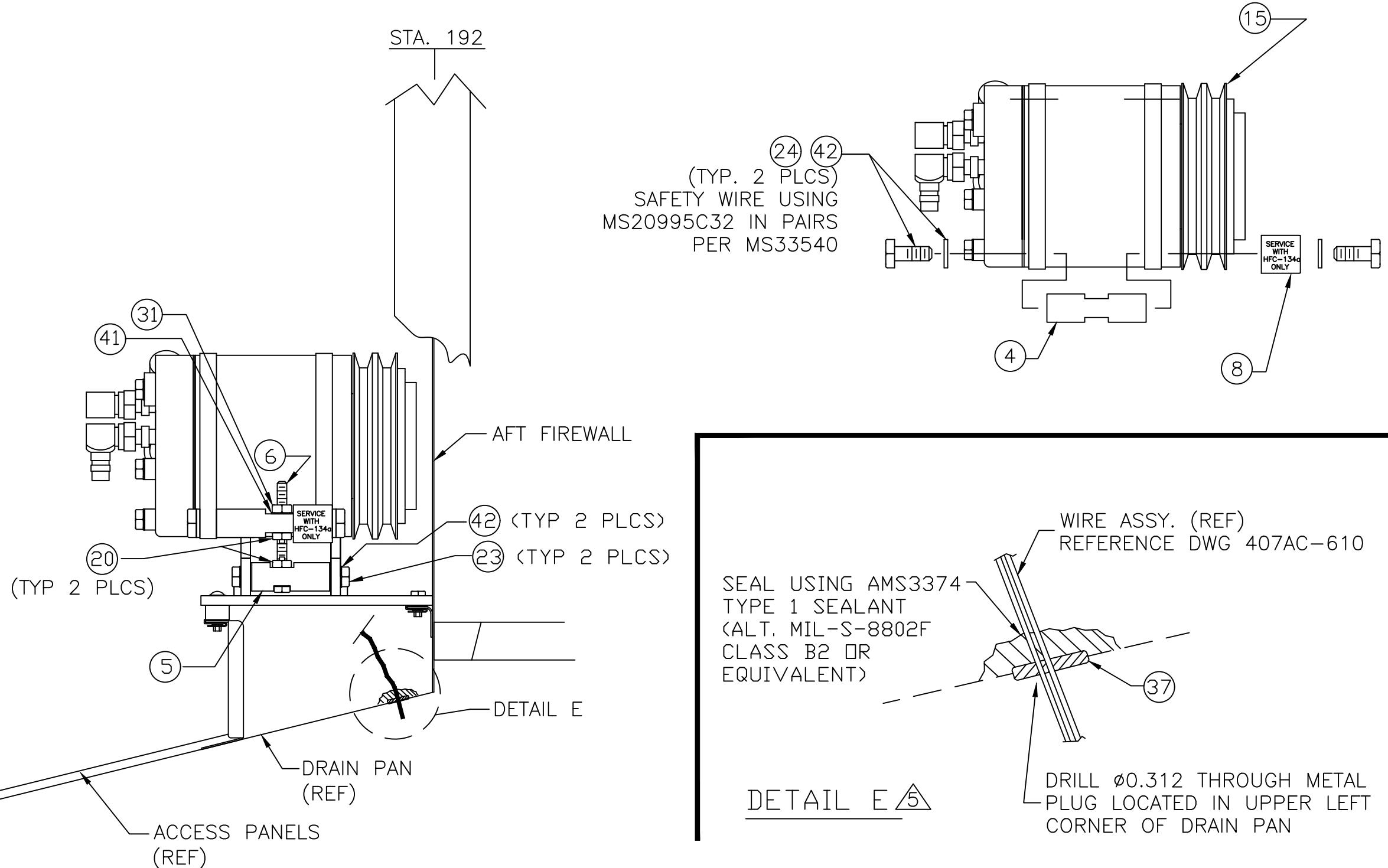
.XXX = $\pm .010$

ANGLES = $\pm 1^\circ$

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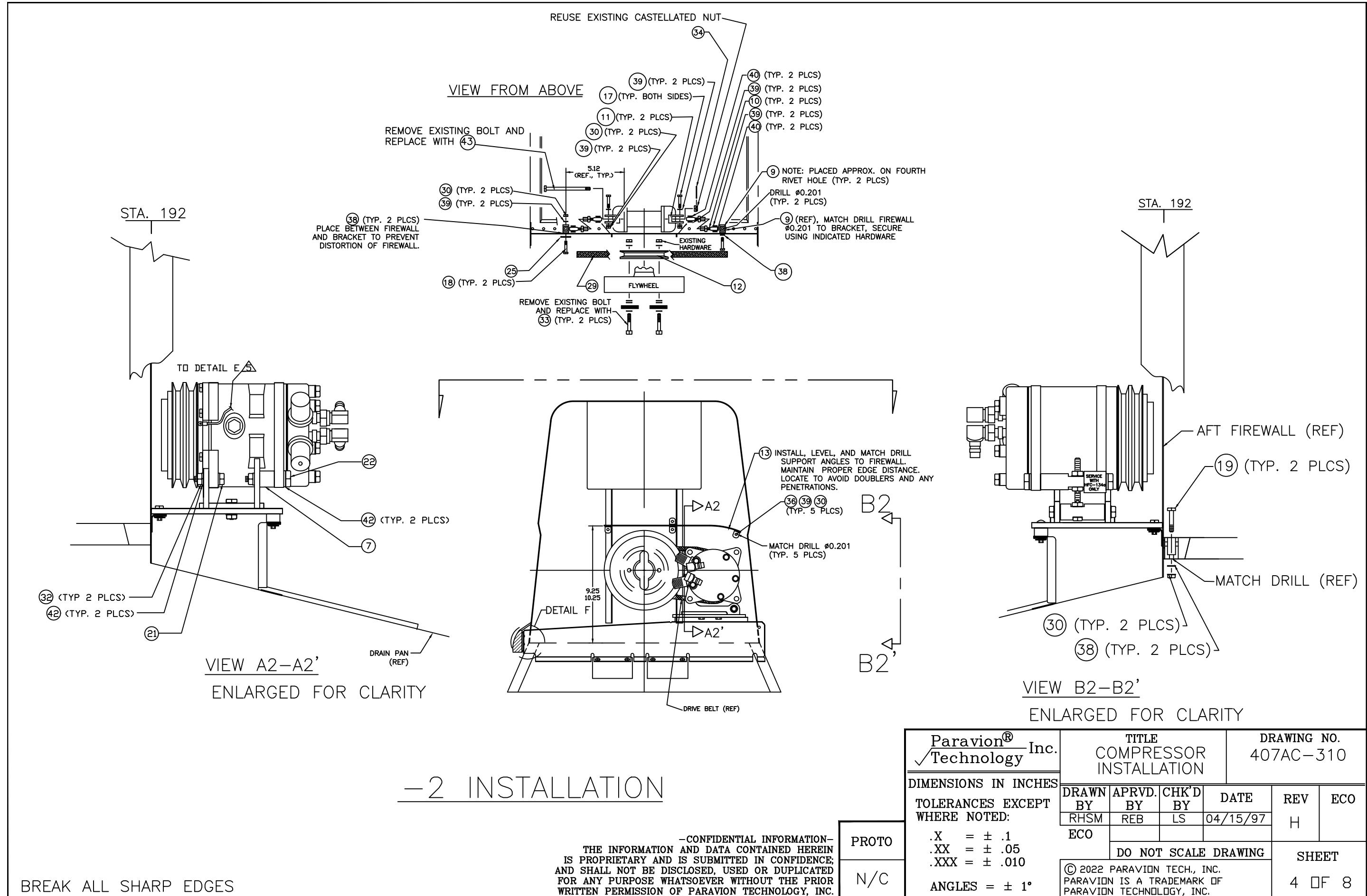


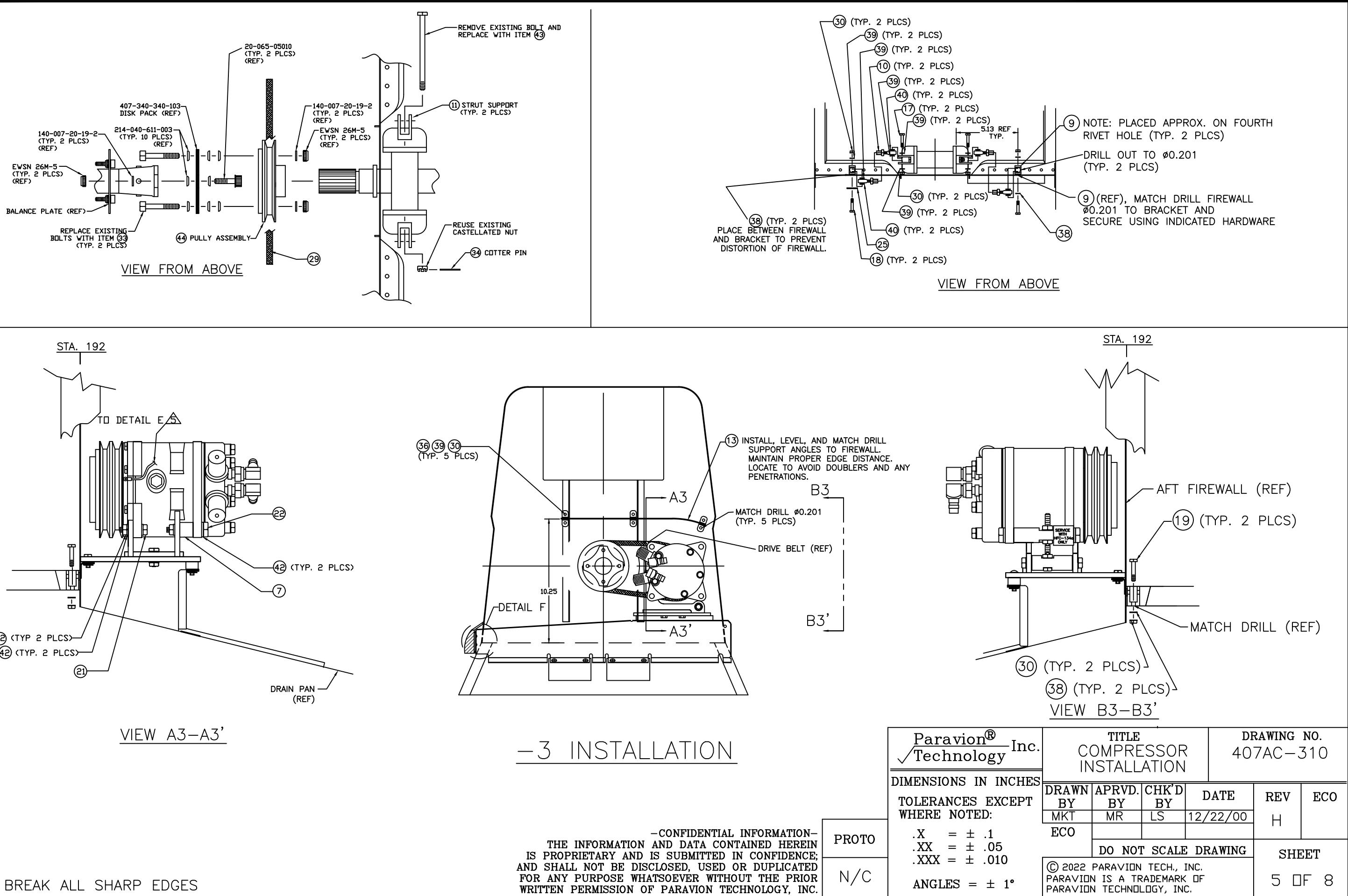
COMPRESSOR MOUNT -2, -3, -4, -5 INSTALLATION

BREAK ALL SHARP EDGES

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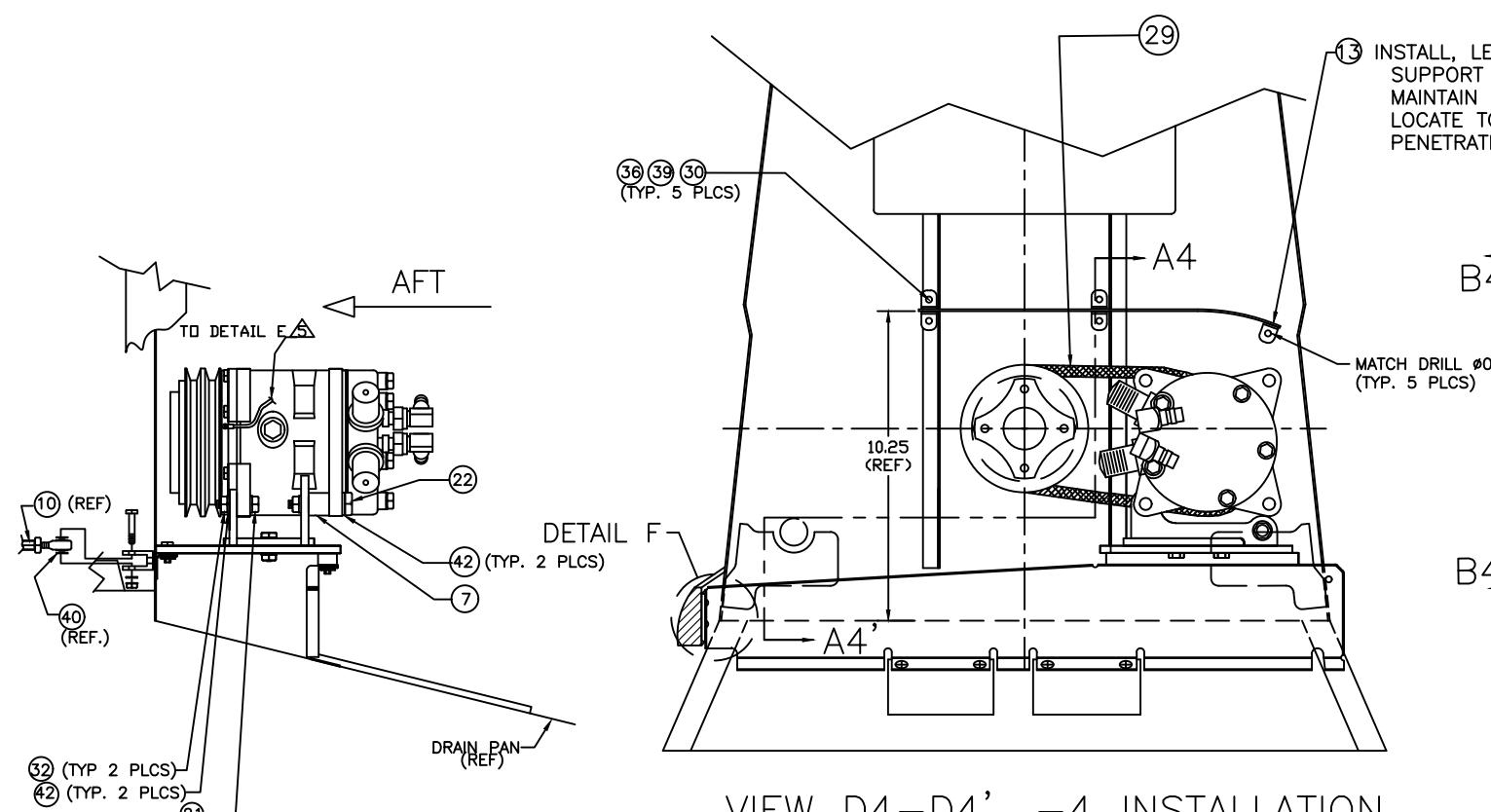
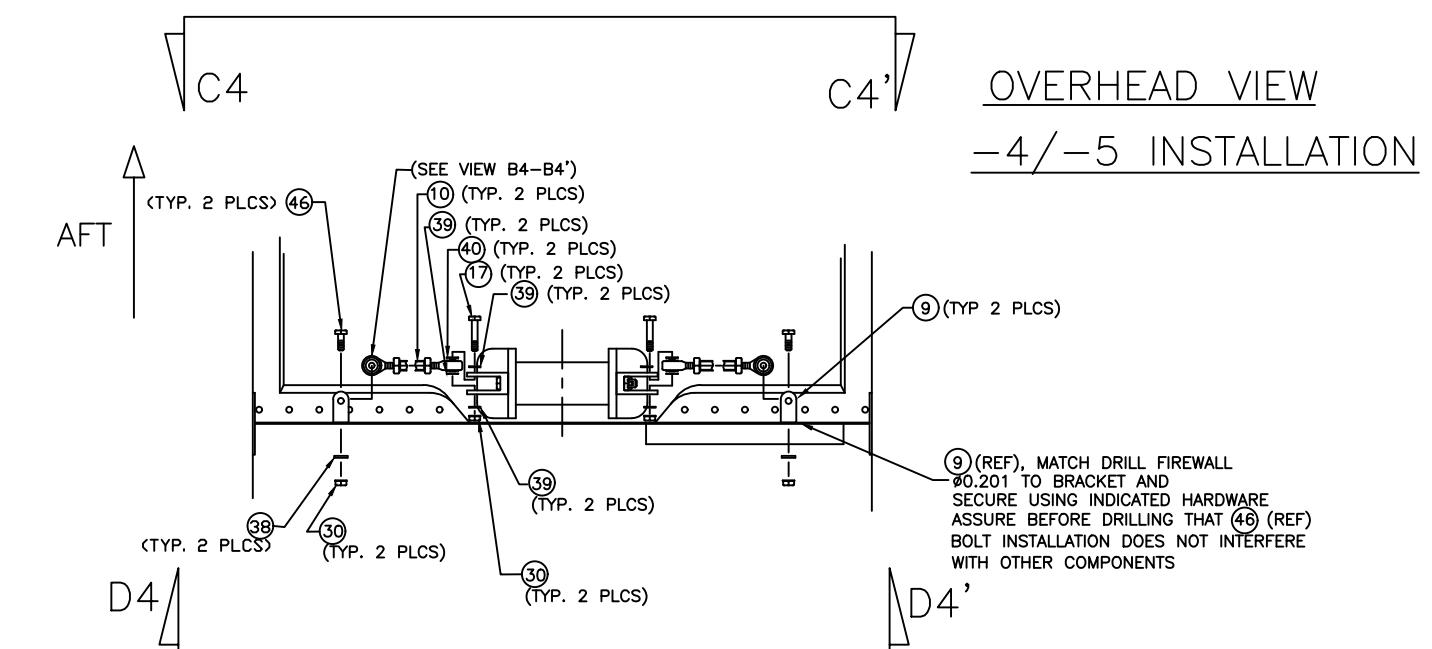
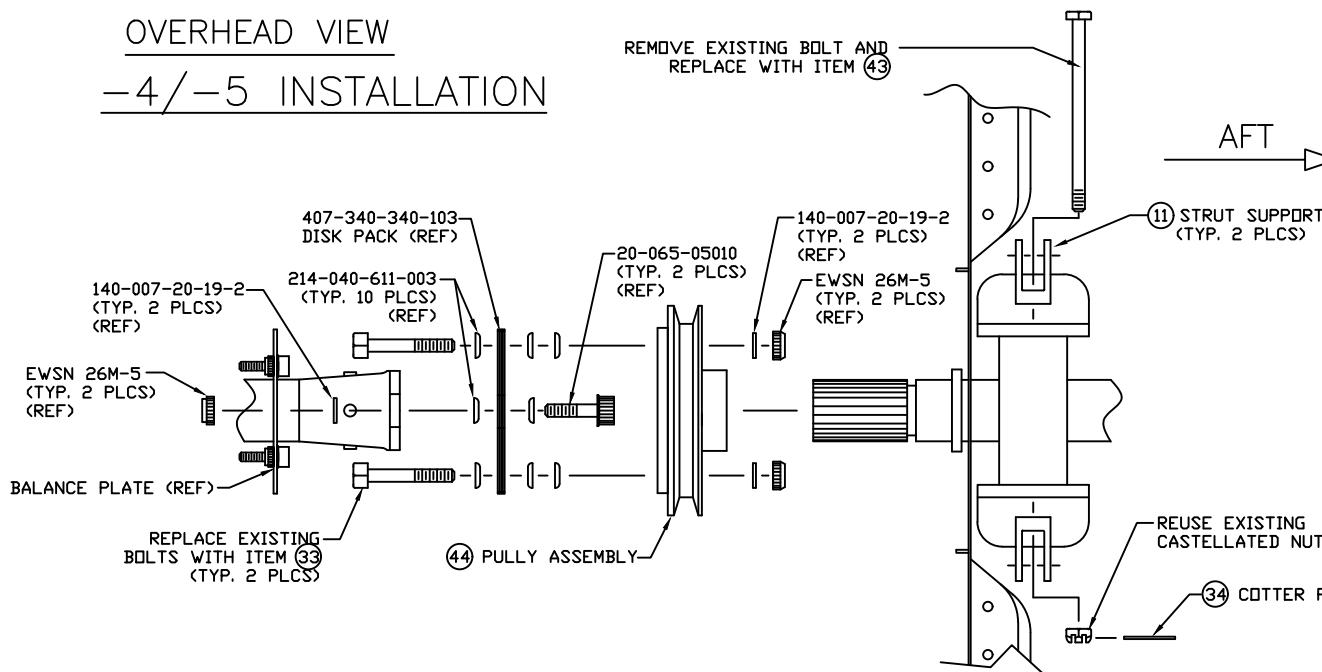
Paravion® Technology Inc.		TITLE COMPRESSOR INSTALLATION		DRAWING NO. 407AC-310	
DIMENSIONS IN INCHES		TOLERANCES EXCEPT WHERE NOTED:			
PROTO	N/C	DRAWN BY RHSMS	APRVD. BY REB	CHK'D BY LS	DATE 04/15/97
		ECO			
DO NOT SCALE DRAWING					SHEET 3 OF 8
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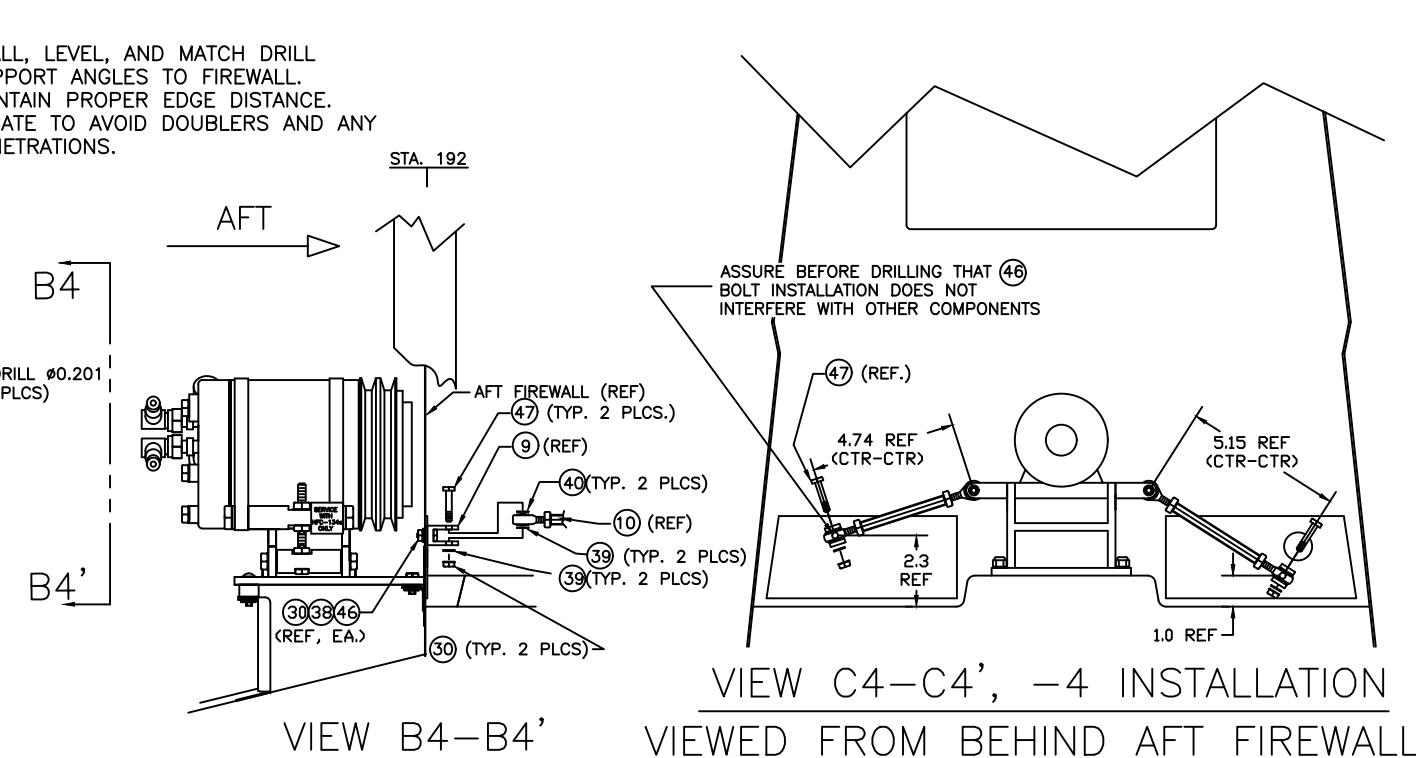
OVERHEAD VIEW

-4/-5 INSTALLATION



VIEW D4-D4', -4 INSTALLATION
VIEWED FROM AHEAD OF AFT FIREWALL

BREAK ALL SHARP EDGES



VIEW C4-C4', -4 INSTALLATION
VIEWED FROM BEHIND AFT FIREWALL

Paravion®
Technology Inc.

TITLE
COMPRESSOR
INSTALLATION

DRAWING NO.
407AC-310

DIMENSIONS IN INCHES
TOLERANCES EXCEPT
WHERE NOTED:

.X = ± .1
.XX = ± .05
.XXX = ± .010
ANGLES = ± 1°

PROTO

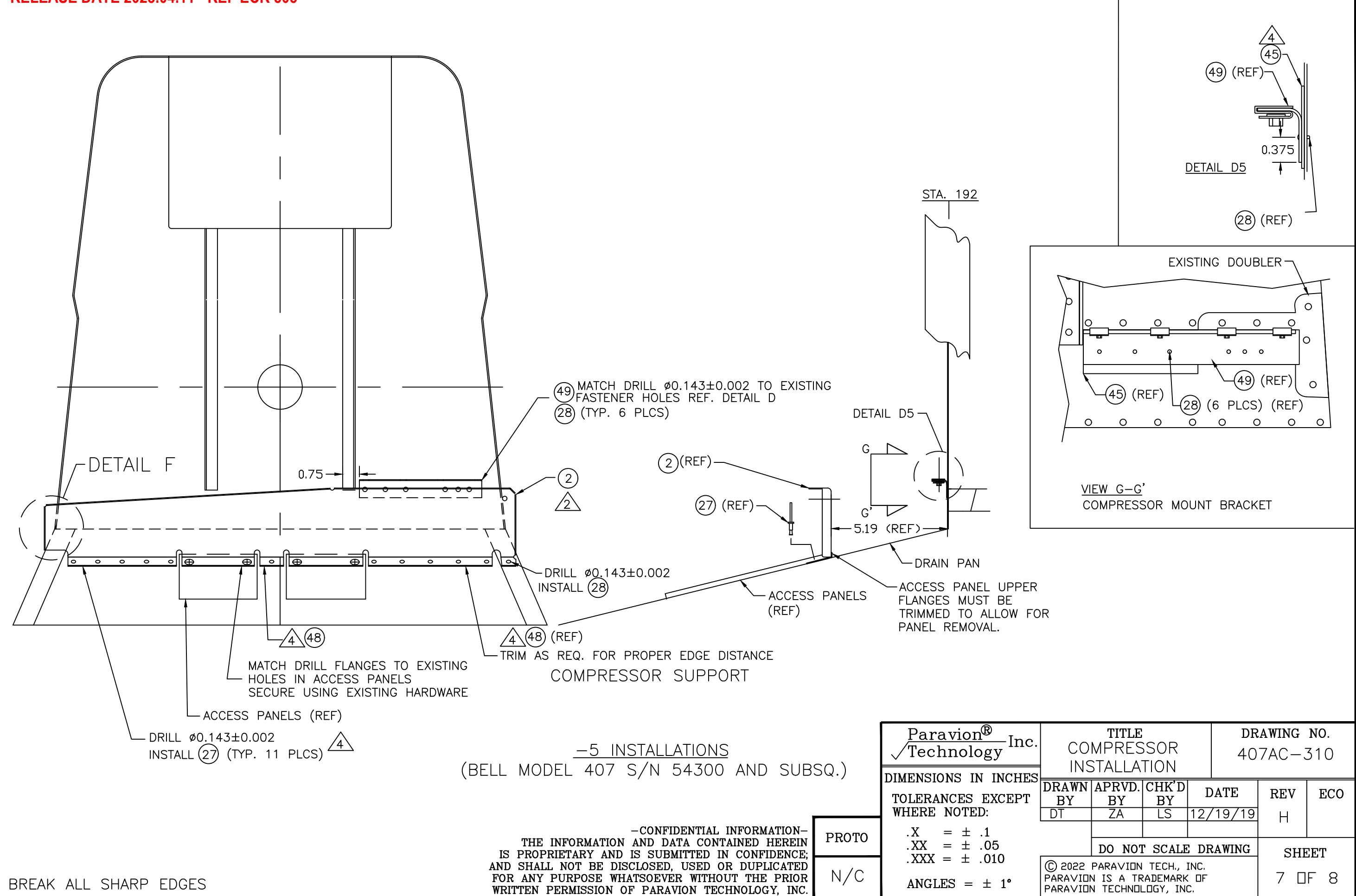
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DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
MKT	MR	LS	12/22/00	H	

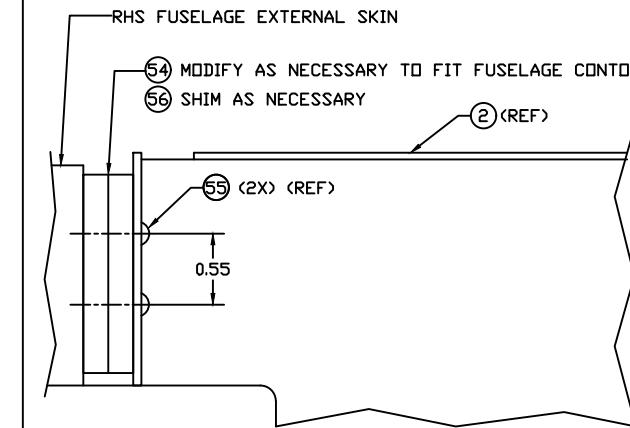
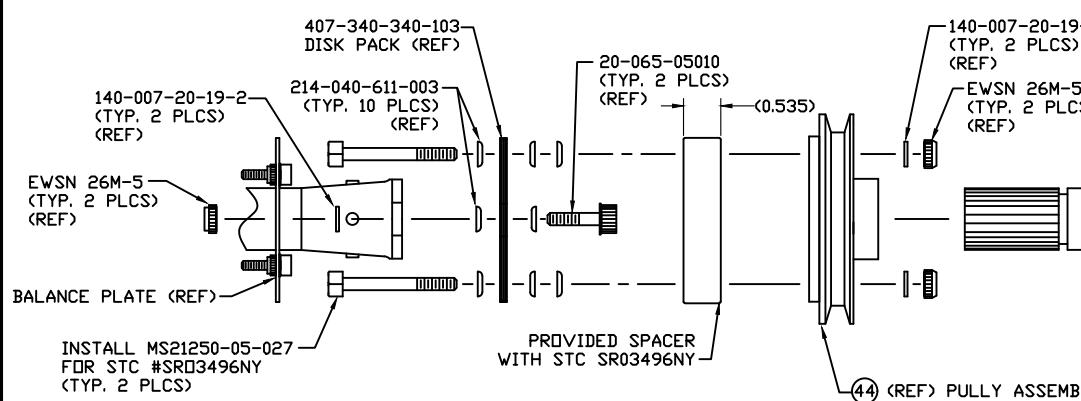
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SHEET
6 OF 8

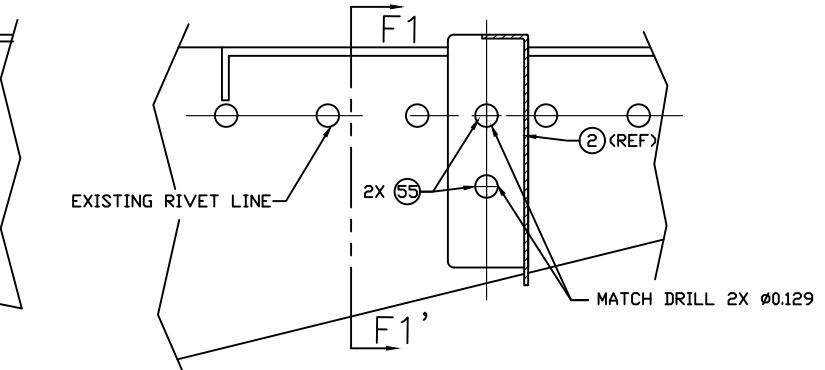
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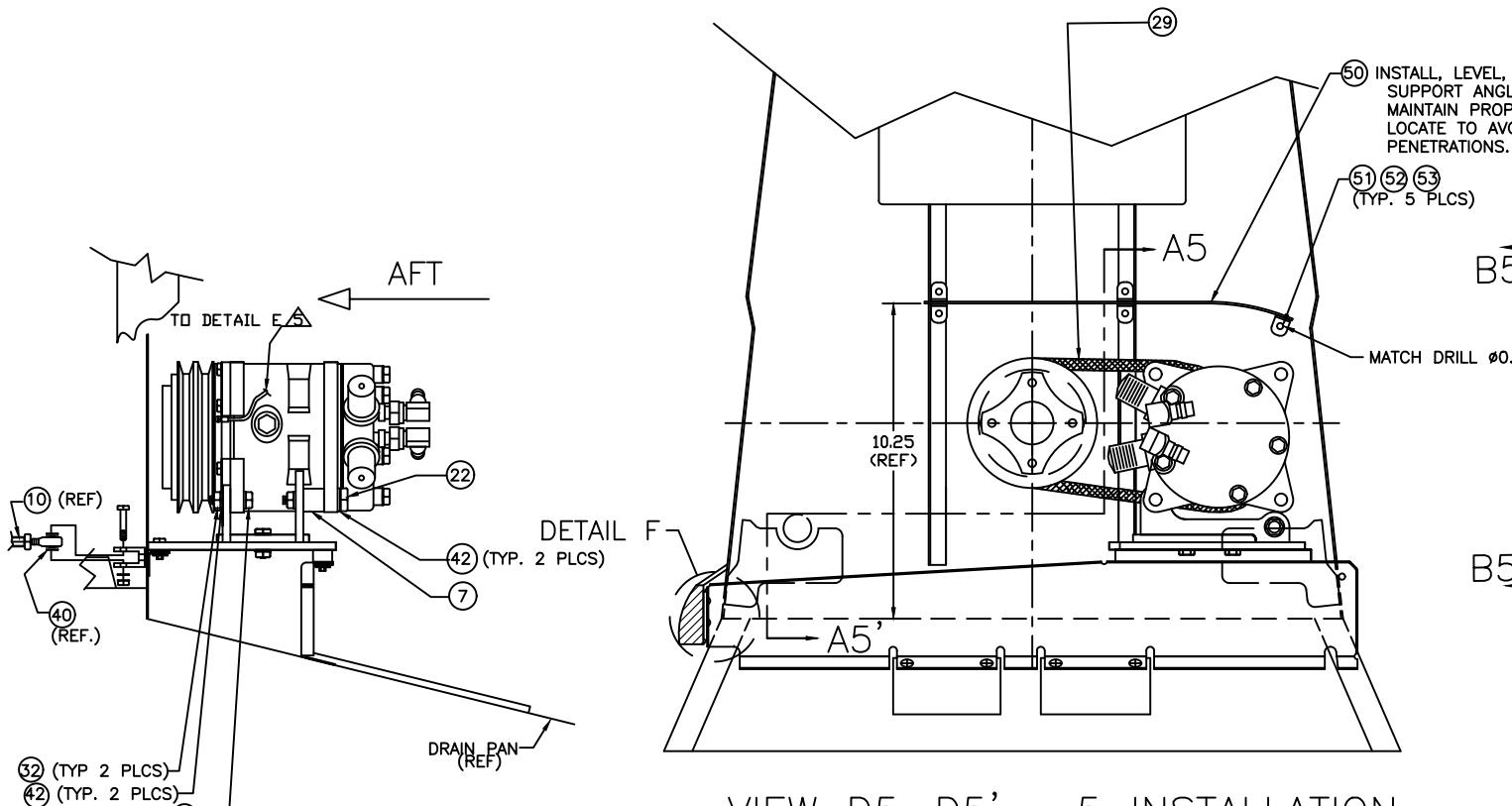
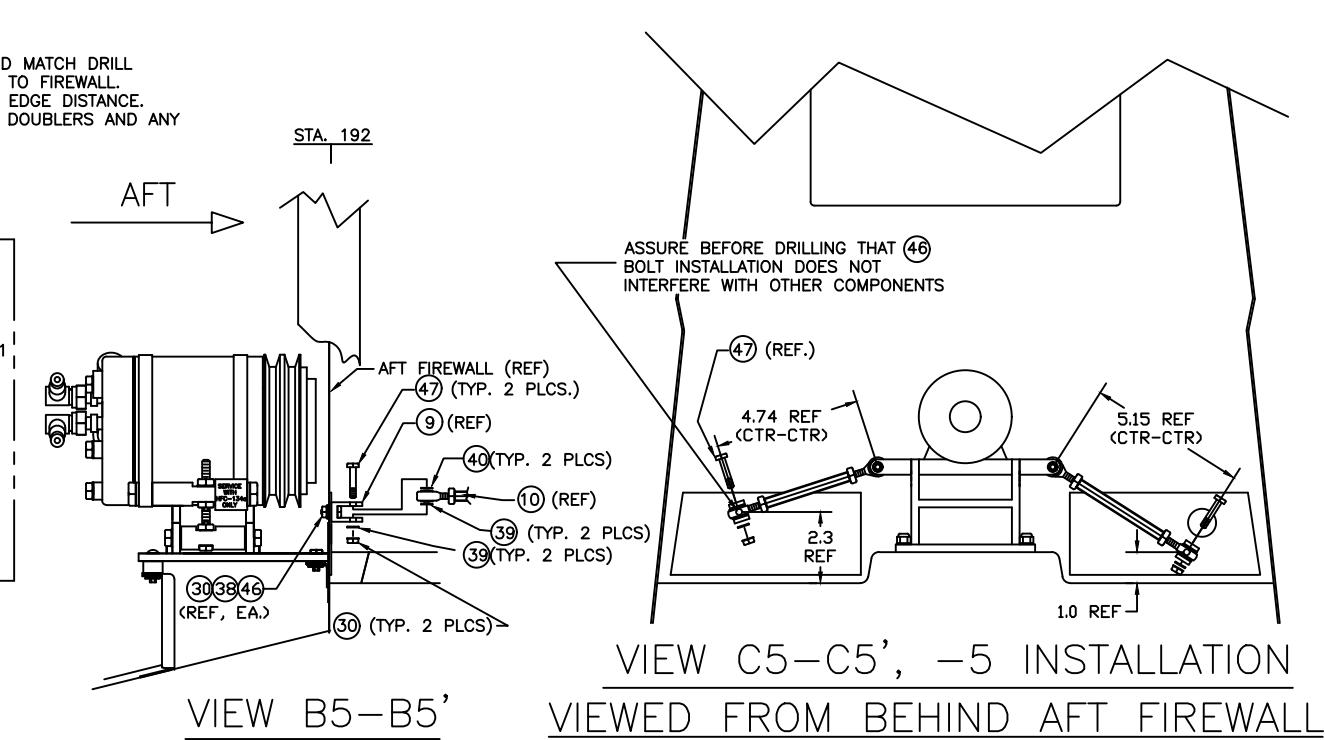
OVERHEAD VIEW

HONEYWELL ENGINE INSTALLATION
APPLICABLE TO STC #SR03496NY

VIEW F1-F1'



DETAIL F (ALL INSTALLATIONS)

VIEW D5-D5', -5 INSTALLATION
VIEWED FROM AHEAD OF AFT FIREWALL

VIEW B5-B5'

VIEW C5-C5', -5 INSTALLATION
VIEWED FROM BEHIND AFT FIREWALL

BREAK ALL SHARP EDGES

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PROTO

N/C

Paravion®
Technology Inc.

DIMENSIONS IN INCHES

TOLERANCES EXCEPT
WHERE NOTED:

.X = ± .1
.XX = ± .05
.XXX = ± .010

ANGLES = ± 1°

TITLE
COMPRESSOR
INSTALLATION

DRAWING NO.
407AC-310

DRAWN BY	APRVD. BY	CHK'D BY	DATE	REV	ECO
DT	ZA	LS	12/19/19	H	

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SHEET
8 OF 8

Bill of Materials

*407AC-310-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-2, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
12	407AC-3010-1	PULLEY	1	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
18	AN3-11A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
25	AN970-3	WASHER	1	EA

Bill of Materials

*407AC-310-2, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
26	CR3553-4-02	RIVET (ALT:CR3553-4-2)	7	EA
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	3	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA

Bill of Materials

*407AC-310-3, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-3, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
18	AN3-11A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
25	AN970-3	WASHER	1	EA
26	CR3553-4-02	RIVET (ALT: CR3553-4-2)	7	EA

Bill of Materials

*407AC-310-3, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	3	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA

Bill of Materials

*407AC-310-4, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-4, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
3	206AC-3512-1	SUPPORT ANGLE ASSY.	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT:369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
13	407AC-3016-1	BELT GUARD ASSY.	1	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	IN
27	CR3553-4-03	RIVET (ALT:CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT:CR3553-4-4)	9	EA
29	ES10600-2	DRIVE BELT	1	EA

Bill of Materials

*407AC-310-4, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
45	206AC-3512-2	SHIM	1	EA
46	AN3-4A	BOLT	2	EA
47	AN3-7A	BOLT	2	EA
48	206AC-3512-3	SHIM	1	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA

Bill of Materials

*407AC-310-5, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
0	*407AC-310-5, REV. H	COMPRESSOR INSTALLATION	1	KIT
1	13100032	CINCH NUTS (ALT: 130012)	4	EA
2	206AC-3510-3	SUPPORT	1	EA
4	206AC-3525-5	RESTRAINT	1	EA
5	206AC-3525-6	RESTRAINT	1	EA
6	206AC-3526-2	TENSIONER	1	EA
7	206AC-3527-1	SPACER	1	EA
8	206AC-3610-1	PLACARD	1	EA
9	350CM-2900-2	BRACKET	2	EA
10	350CM-1010-1	STRUT ASSY (ALT: 369IR-1002-1)	2	EA
11	407AC-2900-1	STRUT SUPPORT	2	EA
14	206AC-3020-1	MOUNT BRACKET ASSY. (ALT: 407AC-3020-1)	1	EA
15	407AC-3110-1	COMPRESSOR ASSY.	1	EA
16	407AC-3520-1	SPACER	1	EA
17	AN3-10A	BOLT	2	EA
19	AN3-5A	BOLT	6	EA
20	AN316-4R	NUT (ALT: AN316-4)	2	EA
21	AN6-11A	BOLT	1	EA
22	AN6-16A	BOLT	1	EA
23	AN6H-5A	BOLT (ALT: AN6H-6A)	2	EA
24	AN6H-7A	BOLT	2	EA
27	CR3553-4-03	RIVET (ALT: CR3553-4-3)	11	EA
28	CR3553-4-04	RIVET (ALT: CR3553-4-4)	9	EA
29	ES10600-2	DRIVE BELT	1	EA
30	MS21042L3	NUT (ALT: 90-132L3)	11	EA
31	MS21042L4	NUT (ALT: 90-132L4)	1	EA

Bill of Materials

*407AC-310-5, REV. H

ITEM #	P/N	DESCRIPTION	QTY	TYP
32	MS21042L6	NUT (ALT: 90-132L6)	2	EA
33	MS21250-05018	BOLT	2	EA
34	MS24665-153	COTTER PIN	1	EA
35	MS27039-1-15	SCREW	4	EA
36	MS35207-261	SCREW	5	EA
37	MS35489-4	GROMMET (ALT: MS35489-4X)	1	EA
38	NAS1149C0363R	WASHER	5	EA
39	NAS1149F0332P	WASHER	23	EA
40	NAS1149F0363P	WASHER	4	EA
41	NAS1149F0463P	WASHER	1	EA
42	NAS1149F0632P	WASHER	8	EA
43	NAS6604D56	BOLT	1	EA
44	407AC-3011-1	PULLEY	1	EA
45	206AC-3512-2	SHIM	1	EA
46	AN3-4A	BOLT	2	EA
47	AN3-7A	BOLT	2	EA
48	206AC-3512-3	SHIM	1	EA
49	206AC-3512-4	SUPPORT ANGLE ASSY.	1	EA
50	407AC-3016-2	BELT GUARD ASSY.	1	EA
51	MS27039C1-08	SCREW	5	EA
52	NAS1149C0332R	WASHER	5	EA
53	MS21043-3	NUT	5	EA
54	206AC-3512-5	SHIM	1	EA
55	CR3553-4-07	RIVET	2	EA
56	206AC-3512-6	SHIM	1	EA